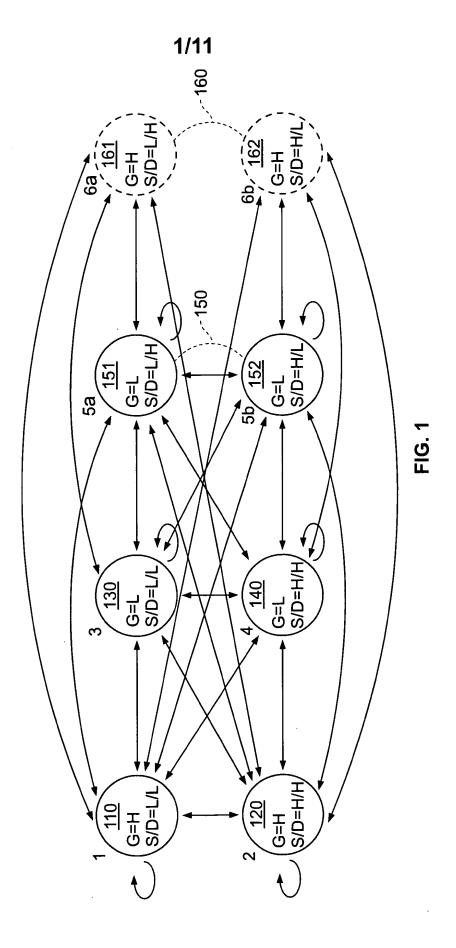


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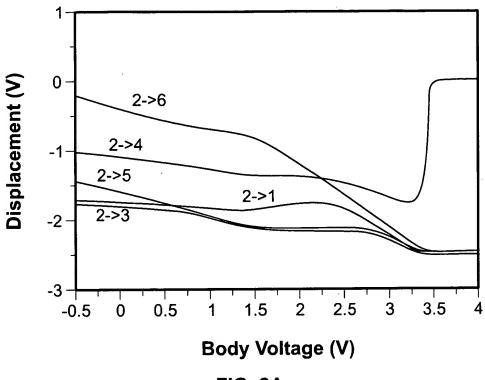


FIG. 2A

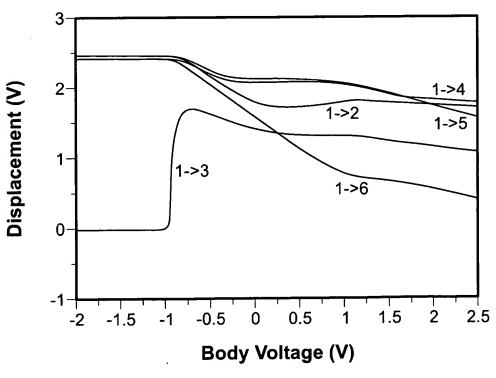


FIG. 2B

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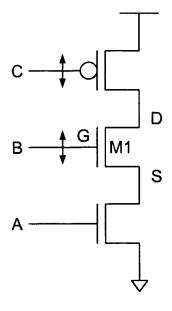


FIG. 3

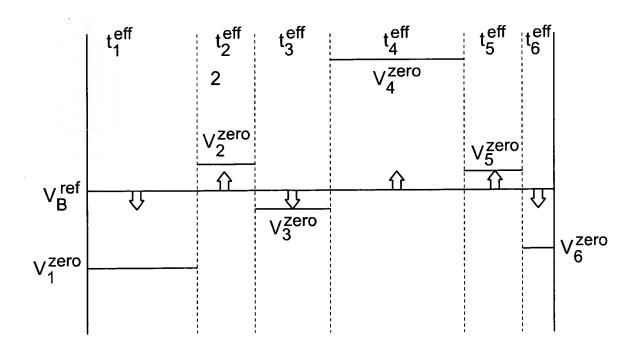
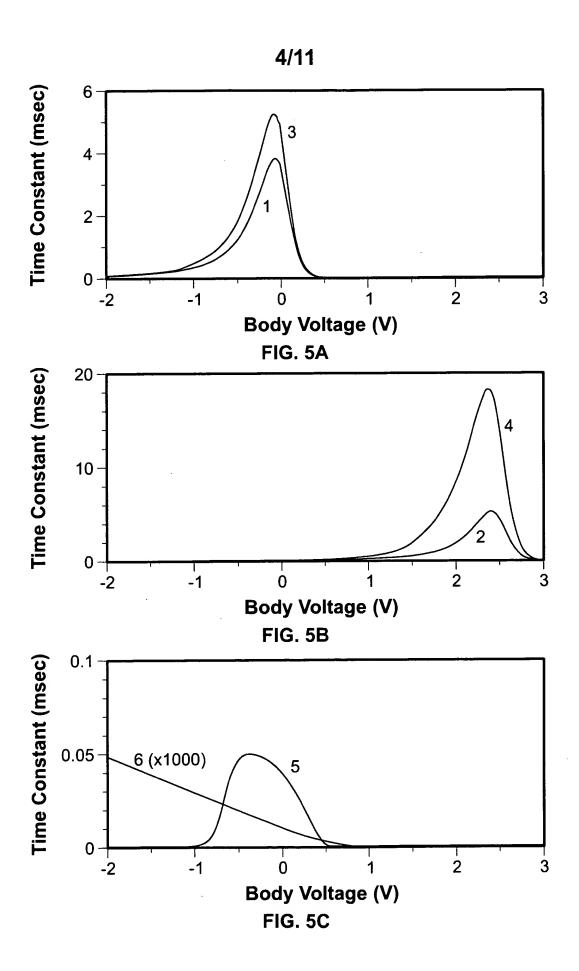


FIG. 4





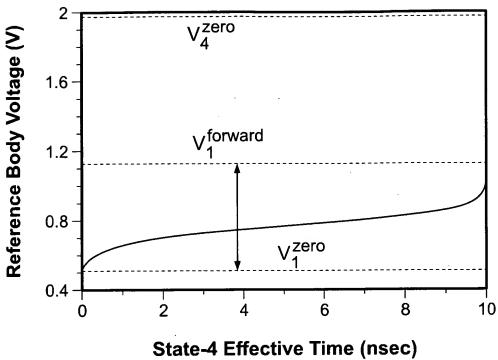
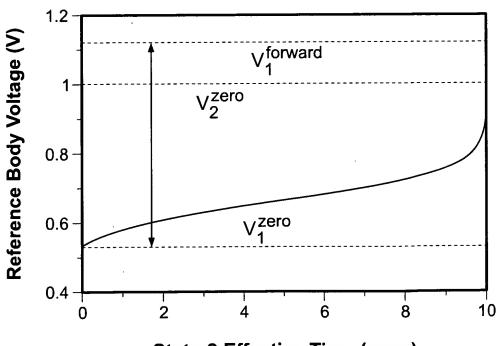
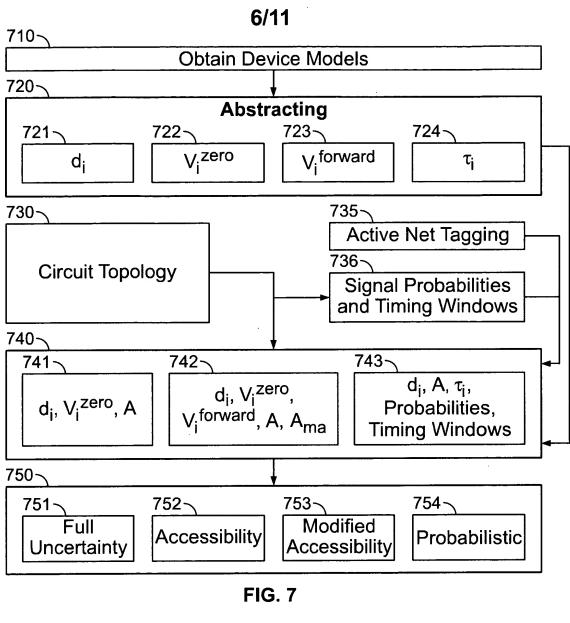


FIG. 6A



State-2 Effective Time (nsec)

FIG. 6B



V_{input} V_{DD} 9 ns 10 ns 19 ns 20 ns Time

V_{input} V_{input} Stage 0 Stage 1 Stage 2 Stage 3 Stage N

FIG. 8

